

To: U.S. Department of Commerce

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

Date: December 19, 2007

Page 1 of 11

Atty.

Bollman

M#

20-431

Client Ref.

20-431

Applicant: UNG

Appl. No.: 09/814,363

Filing Date: March 23, 2001

Examiner: PEACHES

Group Art Unit: 2617

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR US2003/0060212	3/2003	Thomas			
	BR 6,456,852	9/2002	Bar et al.			
	CR US2005/0048948	3/2005	Holland			
	DR US2002/0168986	11/2002	Lau et al.			
	ER 6,073,004	6/2000	Balachandran			
	FR 6,073,015	6/2000	Berggren et al.			
	GR 6,654,786	11/2003	Fox et al.			
	HR 6,667,688	12/2003	Menard et al.			
	IR 6,393,014	5/2002	Daly			
	JR 6,138,158	10/2000	Boyle et al.			
	KR 6,321,257	11/2001	Kotola et al.			
	LR 6,507,589	1/2003	Ramasubramani et al.			
	MR 6,314,108	11/2001	Ramasubramani et al.			
	NR 6,442,589	8/2002	Takahashi et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR PCT/Se99/00875	5/1999	PCT	Stille						
	PR UK2 308 528	12/1995	UK	Adaham						
	QR PCT/SE98/00992	5/1998	PCT	Smith						
	RR PCT/FI99/00935	11/1999	PCT	Herajarvi						
	SR PCT/SE97/02081	12/1997	PCT	Olsson						
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: UNG

Appln. No.: 09/814,363

Filing Date: March 23, 2001

Examiner: PEACHES

Group Art Unit: 2617

Date: December 19, 2007

Page 2 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR 5,243,645	9/1993	Bissell et al.			
	BR 6,195,651	2/2001	Handel			
	CR US2001/0032267	10/2001	Collison			
	DR 6,389,421	5/2002	Hawkins et al.			
	ER 6,591,304	7/2003	Sitaraman et al.			
	ER 6,785,659	8/2004	Landsman			
	GR 6,502,086	12/2002	Pratt			
	HR US2002/0091789	7/2002	Katariya et al.			
	IR US2003/0055912	3/2003	Martin et al.			
	JR 6,711,411	3/2004	Ruffini			
	KR 6,330,600	12/2001	Matchefts et al.			
	LR 6,246,879	6/2001	Segura et al.			
	MR 6,366,961	4/2002	Subbiah			
	NR 6,263,212	7/2001	Ross et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR										
XR										
YR										
ZR										
AAR										
BBR										

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty. Bollman	M# 20-431	Client Ref. 20-431
Applicant: UNG		
Appl. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES	Group Art Unit: 2617	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: December 19, 2007 Page 3 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR 6,263,372	7/2001	Hogan et al.			
	BR 6,507,589	1/2003	Ramasubramani et al.			
	CR 6,424,841	7/2002	Gustafsson			
	DR 5,758,088	5/1999	Bezaire et al.			
	ER 6,560,456	5/2003	Lohita et al.			
	ER 5,903,726	5/1999	Donovan			
	GR 6,538,561	3/2003	Angus			
	HR 6,463,145	10/2002	O'Neal et al.			
	IR 6,779,022	8/2004	Hortsmann et al.			
	JR 6,725,268	4/2004	Jackel			
	KR 6,671,356	12/2003	Lewis			
	LR 6,389,455	5/2002	Fuisz			
	MR US2002/0116263	8/2002	Gouge			
	NR US2002/0118800	8/2002	Martinez			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR						
XR						
YR						
ZR						
AAR						
BBR						

Examiner /Randy Peaches/ Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Bollman	20-431	20-431
Applicant: UNG		
Appl. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES	Group Art Unit: 2617	

Date: December 19, 2007 Page 4 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR US2002/0119793	8/2002	Hronek et al.			
	BR 6,728,353	4/2004	Espejo et al.			
	CR 5,150,113	9/1992	Bluthgen			
	DR 6,961,330	11/2005	Cattan et al.			
	ER 5,793,859	8/1998	Mathews			
	FR 6,490,450	12/2002	Batni et al.			
	GR 6,529,732	3/2003	Vainiomaki et al.			
	HR 6,587,688	7/2003	Chambers et al.			
	IR 5,959,543	2/1996	LaPorta			
	JR 6,134,432	10/2000	Holmes			
	KR 6,718,178	4/2004	Sladek et al.			
	LR 6,587,691	7/2003	Granstam et al.			
	MR 6,493,558	12/2002	Bernhart			
	NR 6,662,015	12/2003	Furlong			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Atty. Bollman	M# 20-431	Client Ref. 20-431
Applicant: UNG		
Appln. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES	Group Art Unit: 2617	

Date: December 19, 2007 Page 5 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR 6,366,663	4/2002	Bauer et al.			
	BR 5,940,756	8/1999	Sibecas			
	CR 6,021,333	2/2000	Anderson			
	DR 6,424,841	7/2002	Gustafsson			
	ER 6,094,574	2/2000	Vance			
	FR 6,304,898	10/2001	Shiigi			
	CR 6,757,708	6/2004	Craig et al.			
	HR US2002/0052968	5/2002	Bonefas et al.			
	IR 6,311,055	10/2001	Boltz			
	JR 6,144,653	11/2000	Persson			
	KR 6,189,031	2/2001	Badger et al.			
	LR 6,216,008	4/2001	Lee			
	MR 6,408,177	6/2002	Parikh et al.			
	NR 5,767,795	6/1998	Schaphorst			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR										
XR										
YR										
ZR										
AAR										
BBR										

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

To: U.S. Department of Commerce

Atty.

M#

Client Ref.

Bollman

20-431

20-431

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: UNG

Appl. No.: 09/814,363

Filing Date: March 23, 2001

Examiner: PEACHES

Group Art Unit: 2617

Date: December 19, 2007

Page 6 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR 6,266,614	7/2001	Alumbaugh			
	BR 6,119,014	9/2000	Alperovich et al.			
	CR US2004/0110524	6/2004	Takano et al.			
	DR US2006/0148415	7/2006	Hamalainen et al.			
	ER US2001/0041579	11/2001	Smith et al.			
	FR 6,771,971	6/2004	Smith			
	GR 6,223,042	4/2001	Raffel			
	HR 7,116,972	10/2006	Zhang et al.			
	IR US2004/0259531	12/2004	Wood et al.			
	JR 5,239,570	8/1993	Koster			
	KR 1,103,073	1/1914	O'Connell			
	LR 5,043,736	8/1991	Darnell et al.			
	MR 5,161,180	11/1992	Chavous			
	NR 5,239,570	8/1993	Koster			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR										
XR										
YR										
ZR										
AAR										
BBR										

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.	M#	Client Ref.
Bollman	20-431	20-431
Applicant: UNG		
Appin. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES		Group Art Unit: 2617

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: December 19, 2007 Page 7 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	6,564,261	5/2003	Gudjonsson et al.		
	BR	6,353,614	5/2002	Borella et al.		
	CR	6,393,461	5/2002	Okada		
	DR	6,459,892	10/2002	Burgan		
	ER	6,499,053	12/2002	Marquette et al.		
	ER	5,960,074	9/1999	Clark		
	GR	6,178,331	1/2001	Holmes et al.		
	HR	6,185,602	2/2001	Bayrakeri		
	IR	6,078,583	6/2000	Takahara		
	JR	5,966,663	10/1999	Gleason		
	KR	5,949,326	9/1999	Wicks et al.		
	LR	5,694,546	12/1997	Reisman		
	MR	6,512,930	1/2003	Sanbergen		
	NR	6,397,054	5/2002	Hoirup		

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR			
XR			
YR			
ZR			
AAR			
BBR			

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Atty.	M#	Client Ref.
Bollman	20-431	20-431
Applicant: UNG		
Appl. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES	Group Art Unit: 2617	

Date: December 19, 2007

Page 8 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	6,505,046	1/2003	Baker		
	BR	6,370,373	4/2002	Gerth		
	CR	6,208,870	3/2001	Lorello		
	DR	5,508,931	4/1996	Snider		
	ER	US2001/0034224	10/2001	McDowell et al.		
	FR	6,502,086	12/2002	Pratt		
	GR	US2002/0091789	7/2002	Katariya		
	HR	US2001/0032267	10/2001	Collison		
	IR	6,389,421	5/2002	Hawkins et al.		
	JR	6,591,304	7/2003	Sitaraman et al.		
	KR	6,785,659	8/2004	Landsman et al.		
	LR	6,442,589	8/2002	Takahashi et al.		
	MR	5,243,645	9/1993	Bissell et al.		
	NR	6,195,651	2/2001	Handel et al.		

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /Handy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

To: U.S. Department of Commerce

Atty.

M#

Client Ref.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Bollman
20-431

20-431

Applicant: UNG

Appln. No.: 09/814,363

Filing Date: March 23, 2001

Examiner: PEACHES

Group Art Unit: 2617

Date: December 19, 2007

Page

9

of

11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR 6,424,841	7/2002	Boyle et al.			
	BR 6,081,508	6/2000	West et al.			
	CR 6,223,046	4/2001	Hamil-Keays et al.			
	DR US2001/0041579	11/2001	Smith et al.			
	ER 6,311,055	10/2001	Boltz			
	FR 6,144,653	11/2000	Persson et al.			
	GR 6,189,031	2/2001	Badger et al.			
	HR 6,216,008	4/2001	Lee			
	IR 6,408,177	6/2002	Parikh			
	JR US2002/0133568	9/2002	Smith			
	KR 6,771,971	8/2004	Smith			
	LR 6,223,042	4/2001	Raffel			
	MR US2001/0031641	10/2001	Ung			
	NR 6,970,869	11/2005	Slaughter et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /Handy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Atty.	M#	Client Ref.
Bollman	20-431	20-431
Applicant: UNG		
Appln. No.: 09/814,363		
Filing Date: March 23, 2001		
Examiner: PEACHES	Group Art Unit: 2617	

Date: December 19, 2007 Page 10 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	5,055,851	10/1991	Scheffer et al.		
	BR	5,070,329	12/1991	Jasinaki		
	CR	5,144,283	9/1992	Arens et al.		
	DR	5,177,478	1/1993	Wagai et al.		
	FR	5,218,367	6/1993	Scheffer et al.		
	FR	5,266,944	11/1993	Carroll et al.		
	CR	5,454,024	9/1995	Lebowitz		
	HR	5,479,408	12/1995	Will		
	IR	5,621,793	4/1997	Bednarek et al.		
	JR	5,794,142	8/1998	Vantilla		
	KR	5,905,736	5/1999	Ronen et al.		
	LR	6,169,891	1/2001	Gorham		
	MR	US2005/0135569	6/2005	Dickinson		
	NR	5,430,759	7/1995	Yokey		

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR										
XR										
YR										
ZR										
AAR										
BBR										

Examiner /Randy Peaches/ Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 Bollman
20-431

20-431

Applicant: UNG

Appln. No.: 09/814,363

Filing Date: March 23, 2001

Examiner: PEACHES

Group Art Unit: 2617

Date: December 19, 2007

Page 11 of 11

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	SubClass	Filing Date (if appropriate)
	AR	US2004/0103431	5/2004	Davenport et al.		
	BR	US2005/0020287	1/2005	Pohutsky		
	CR	US2004/0199614	10/2004	Shenfield et al.		
	DR	6,075,982	6/2000	Donovan		
	FR	6,195,543	2/2001	Granberg		
	FR	5,974,133	10/1999	Fleischer		
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClasses	English		Translation	
							Enclosed	No	Enclosed	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR				
XR				
YR				
ZR				
AAR				
BBR				

Examiner /Randy Peaches/

Date Considered: 06/23/2008

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.